Int. J. Bio-Medical Computing, 21 (1987) 305—306
Elsevier Scientific Publishers Ireland Ltd.

INTERNATIONAL JOURNAL OF BIO-MEDICAL COMPUTING

CONTENTS

Volume 21 (1987)

Commentary 1–6
Anginal pain in users of video display terminals?
Computer-aided training in unique Medical School
Ionographic X-ray imaging prototype system
J.G. Llaurado (U.S.A.)
A general algorithm for assisting medical diagnosis
J.C. Tohá, W. Palma, R. Mariangel and R. Ponce (Santiago, Chile) 7–12
A one-dimensional model of atrioventricular nodal conduction
M. Malik, D.W. Davies, T. Cochrane and A.J. Camm (Prague, Czechoslovakia and Sheffield and London, U.K.) 13–32
Power spectral analysis of normal and pathological brainstem auditory evoked potentials
M.V. Kamath, S.N. Reddy, D.N. Ghista and A.R.M. Upton (Ontario, Canada) 33–54
Evaluation of end-diastolic left ventricular volume in equilibrium gated radionuclide cardiography
O. Carlsen (Vejle, Denmark) 55–65
Staphylococcal dermonecrotic reactions in guinea pigs
J. Miedzobrodzki and R. Tadeusiewicz (Kraków, Poland) 67–74
Book review 75
Commentary 77–82
Computerized speech-recognition and conversation
Microcomputer for controlling prosthetic limbs
Neurocomputer applications
J.G. Llaurado (U.S.A.)
Microcomputer-based local area network system for controlling information on perinatal medicine
H. Nakahara, T. Koyanagi, H. Teraoka, H. Shimokawa, K. Hara and H. Nakano (Fukuoka and Tokyo, Japan) 83–93
Computerized ultrasonic image analysis for placental characterization in normal and hypertensive pregnancies
R.E. Burger, C.D. Frost and K.J. Dalton (Cambridge, U.K.) 95–111
An investigation into EEG asymmetry in young children
R.C. Waterfall, B.P. Garner and D.J. Franklin (Manchester, U.K.) 113–135
Effect of resident gas density on CO_2 elimination during high-frequency oscillation: A model study
A.Ben Jebria and C. Kays (Bordeaux, France) 137–151
Announcement 153
Commentary 155–161
Appraising the health effects of video terminals
Counting code innovation
How to kill a housefly scientifically
J.G. Llaurado (U.S.A.)

A stochastic compartmental model of bone cells
N.P. Reddy and A.M. Joshi (Akron, OH) 163–174
Computerized home telemetry of maternal blood pressure in hypertensive pregnancy
K.J. Dalton, K. Manning, P.J. Robarts, J.H. Dripps and J.R. Currie (Cambridge and Edinburgh, U.K.) 175–187
Echocardiogram calculations for the dog using Lotus 123
R.A. Holmes (Baton Rouge, LA) 189–195
Indocyanine green pharmacokinetics calculations using Lotus 123 spreadsheet
R.A. Holmes (Baton Rouge, LA) 197–204
Computational decompression models
B.R. Wienke (Los Alamos, NM) 205–221
PULMONOGIST: a computer-based diagnosis system for pulmonary diseases
A. Kar, G.E. Miller and S.V. Sheppard (College Station, TX) 223–235
Identification of precursor-product relationships in kinetic studies involving radio-labeled tracer molecules
M.E. Jones, J.H.T. Power, H.A. Barr and T.E. Nicholas (Bedford Park, Australia) . . . 237–251
The menu workbench: an automatic menu generator for bio-medical programs
C.W.V. Hogue and H.B. Fackrell (Windsor, Canada) 253–264
A standardised comment scheme for routine pulmonary function test results
P.M. Tweeddale and G.J.R. McHardy (Edinburgh, U.K.) 265–273
A research tool for general practitioners
F.M.H.M. Dupuits, A. Hasman, T.A.J. Heumakers and G.G.M. Schoonbrood (Maastricht, The Netherlands) 275–286
Automation of the patient history – evaluation of ergonomic aspects
M.J. Quaak, P.J.G. Van der Voort, R.F. Westerman, A. Hasman and J.H. van Bemmel (Amsterdam, The Netherlands) 287–298
Subject Index Volume 21 (1987) 299–302
Author Index Volume 21 (1987) 303
Contents Volume 21 (1987) 305–306